

Curb.

Curb is located at the back and lowest point of the hock joint.

Capped Hock.

Capped hock is an enlargement at the point of the hock.

Capped Elbow.

Capped elbow is the same as capped hock, only it is located at the point of the elbow.

It should be remembered that when any of these conditions are starting on an animal the first requisite is absolute rest for a number of weeks. If this is not given the case is aggravated and if ever overcome it is with great difficulty.

It is said that bad cases of gnawing the manger can be stopped by coating the manger and halter rope with coal tar, putting it on hot with an old brush or broom.

Many a vicious horse is started on his bad career by not being properly handled when young. Even though the colt is naturally of a bad disposition, he can be easily managed while under six months of age, and when he once is taught that man is his master the first step in his training has been successfully accomplished.

BEEKEEPER'S MEETING.

The Utah Beekeepers Association will hold their fall convention in the Mayor's office, in the City and County building, Oct. 5th at 12:30 and 4:30 o'clock p. m.

A revision of the Bee Laws and general crop reports will be considered. All are cordially invited, and Salt Lake County beekeepers are especially urged to be present.



JUDGING LIVESTOCK AT THE AGRICULTURAL COLLEGE.

ENTOMOLOGY

Edited by Prof. E. G. Titus, State Agricultural College.

THE ALFALFA-LEAF WEEVIL.
Written for the Deseret Farmer.

About five years ago an alfalfa field east of Salt Lake City was rather seriously injured in the early spring by what the owner thought was frost. His second crop was almost totally destroyed and considerable inroads made upon adjoining fields. It was then found that the injury was caused by a small green worm. Whether this was the first appearance in numbers of this new alfalfa pest is not at present known, but it is the earliest yet located. Every year since then has seen a constantly increasing zone of injured fields until now the insect causing the injury is known to occur from the hills northeast of Salt Lake City to some distance south of Sandy and from the foothills westward. The west line in most of the infested territory is the railroad, but in some places the pest has crossed this barrier; notably having spread to fields west of the Fair Grounds during the past two seasons.

Efforts to check its further spread should be made at once or the injury will, in a few years, cover a much larger alfalfa growing region.

The insect causing this serious injury is very closely related to the destructive clover-leaf weevil of the East, an insect supposed to have been imported from Europe some time in the '70s. So far as we at present know nothing has heretofore been reported about the life history of the species injuring alfalfa.

The full grown insect, the weevil as it is known, belongs to a group of beetles that with one scarcely well-proven exception, are all injurious to plants. To this group belong the cotton-boll weevil, the strawberry weevil, the plum-curculio and many other injurious insects all possessing one character in common, a beak more or less well developed which contains the jaws.

The alfalfa-leaf weevil is about a quarter of an inch long, the male usually being a little shorter and more slender than the female and often darker in color. The beetle is oval in form, brown or grayish brown in color and when freshly emerged from the cocoon shows several pale markings on the wing covers; it also is more or less covered with fine, short hairs and small tufts of scales. These are rubbed off to some extent in a few days by the weevil wandering around in search of food in the grass and on the ground. While on the

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